

Water Management

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
AcD: Aguilita-----	Very limited ~slope (very limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~slow intake (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)
AcE: Aguilita-----	Very limited ~slope (very limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~slow intake (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)
Ag: Aguirre-----	Not limited	Very limited ~excess sodium (very limited) ~percs slowly (very limited)	Very limited ~excess sodium (very limited) ~percs slowly (very limited) ~slow intake (very limited)	Very limited ~wetness (very limited)	Very limited ~wetness (very limited) ~excess sodium (very limited)
AmB: Amelia-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	Moderately limited ~slope (moderately limited) ~large stones (slightly limited)	Moderately limited ~slow intake (moderately limited) ~slope (moderately limited)	Slightly limited ~slope (slightly limited) ~large stones (slightly limited)	Slightly limited ~slope (slightly limited) ~large stones (slightly limited)
Maguayo-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	Moderately limited ~percs slowly (moderately limited) ~slope (moderately limited)	Moderately limited ~slow intake (moderately limited) ~percs slowly (moderately limited) ~slope (moderately limited)	Slightly limited ~slope (slightly limited)	Slightly limited ~slope (slightly limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
AmC2:					
Amelia-----	Limited ~slope (limited) ~seepage (moderately limited)	Very limited ~slope (very limited) ~large stones (slightly limited)	Very limited ~slope (very limited) ~slow intake (moderately limited)	Limited ~slope (limited) ~large stones (slightly limited)	Limited ~slope (limited) ~large stones (slightly limited)
Maguayo-----	Limited ~slope (limited) ~seepage (moderately limited)	Very limited ~slope (very limited) ~percs slowly (moderately limited)	Very limited ~slope (very limited) ~slow intake (moderately limited) ~percs slowly (moderately limited)	Limited ~slope (limited)	Limited ~slope (limited)
Ao:					
Amelia-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	Moderately limited ~slope (moderately limited) ~large stones (slightly limited)	Moderately limited ~slow intake (moderately limited) ~slope (moderately limited)	Slightly limited ~slope (slightly limited) ~large stones (slightly limited)	Slightly limited ~slope (slightly limited) ~large stones (slightly limited)
AsB:					
Bahia-----	Very limited ~seepage (very limited) ~slope (slightly limited)	Limited ~cutbanks cave (limited) ~slope (moderately limited)	Very limited ~fast intake (very limited) ~slope (moderately limited) ~droughty (slightly limited)	Moderately limited ~too sandy (moderately limited) ~slope (slightly limited)	Slightly limited ~slope (slightly limited) ~droughty (slightly limited)
Ca:					
Cartagena-----	Not limited	Very limited ~excess sodium (very limited) ~percs slowly (moderately limited)	Very limited ~excess sodium (very limited) ~slow intake (limited) ~percs slowly (moderately limited)	Not limited	Very limited ~excess sodium (very limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
Cc: Cartagena variant-----	Not limited	Moderately limited ~percs slowly (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited)	Not limited	Not limited
Co: Coastal beach-----	Not rated	Not rated	Not rated	Not rated	Not rated
DeC: Descalabrado-----	Very limited ~bedrock <20 in. (very limited) ~seepage (very limited) ~slope (moderately limited)	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~slope (very limited)	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~droughty (very limited)	Very limited ~depth to bedrock (very limited) ~slope (moderately limited)	Very limited ~bedrock <20 in. (very limited) ~droughty (very limited) ~slope (moderately limited)
DeD: Descalabrado-----	Very limited ~bedrock <20 in. (very limited) ~seepage (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~percs slowly (very limited)	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~slope (very limited)	Very limited ~depth to bedrock (very limited) ~slope (very limited)	Very limited ~bedrock <20 in. (very limited) ~droughty (very limited) ~slope (very limited)
DeF: Descalabrado-----	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~seepage (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~percs slowly (very limited)	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~droughty (very limited)	Very limited ~slope (very limited) ~depth to bedrock (very limited)	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~droughty (very limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
-----	-----	-----	-----	-----	-----
Fe:	Limitation	Limitation	Limitation	Limitation	Limitation
Fe-----	Not limited	Very limited ~excess sodium (very limited) ~percs slowly (very limited)	Very limited ~excess sodium (very limited) ~percs slowly (very limited) ~slow intake (limited)	Not limited	Very limited ~excess sodium (very limited)
FrA:					
Fraternidad-----	Not limited	Moderately limited ~percs slowly (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited)	Not limited	Not limited
FrB:					
Fraternidad-----	Slightly limited ~slope (slightly limited)	Moderately limited ~percs slowly (moderately limited) ~slope (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited) ~slope (moderately limited)	Slightly limited ~slope (slightly limited)	Slightly limited ~slope (slightly limited)
Ft:					
Fraternidad-----	Not limited	Moderately limited ~percs slowly (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited)	Not limited	Not limited
FvA:					
Fraternidad-----	Not limited	Moderately limited ~percs slowly (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited)	Not limited	Not limited

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
FvB: Fraternidad-----	Slightly limited ~slope (slightly limited)	Moderately limited ~percs slowly (moderately limited) ~slope (moderately limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited) ~slope (moderately limited)	Slightly limited ~slope (slightly limited)	Slightly limited ~slope (slightly limited)
Gc: Guanica-----	Not limited	Very limited ~excess sodium (very limited) ~percs slowly (very limited)	Very limited ~slow intake (very limited) ~excess sodium (very limited)	Very limited ~wetness (very limited)	Very limited ~wetness (very limited) ~excess sodium (very limited)
Gf: Guayabo-----	Very limited ~seepage (very limited)	Limited ~cutbanks cave (limited) ~slope (slightly limited)	Very limited ~fast intake (very limited) ~droughty (limited) ~slope (slightly limited)	Very limited ~too sandy (very limited)	Limited ~droughty (limited)
GuD: Guayama-----	Very limited ~bedrock <20 in. (very limited) ~slope (very limited)	Very limited ~shallow to bedrock (very limited) ~slope (very limited)	Very limited ~shallow to bedrock (very limited) ~droughty (very limited) ~slope (very limited)	Very limited ~depth to bedrock (very limited) ~slope (very limited)	Very limited ~bedrock <20 in. (very limited) ~droughty (very limited) ~slope (very limited)
GuF: Guayama-----	Very limited ~bedrock <20 in. (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited)	Very limited ~shallow to bedrock (very limited) ~slope (very limited) ~droughty (very limited)	Very limited ~slope (very limited) ~depth to bedrock (very limited)	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~droughty (very limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
JaB: Jacana-----	Limited ~depth to bedrock (limited) ~slope (slightly limited)	Very limited ~percs slowly (very limited) ~slope (moderately limited) ~depth to bedrock (slightly limited)	Very limited ~percs slowly (very limited) ~slow intake (limited) ~slope (moderately limited)	Very limited ~depth to bedrock (very limited) ~slope (slightly limited)	Limited ~depth to bedrock (limited) ~slope (slightly limited) ~droughty (slightly limited)
JaC: Jacana-----	Limited ~depth to bedrock (limited) ~slope (limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~depth to bedrock (slightly limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~slow intake (limited)	Very limited ~depth to bedrock (very limited) ~slope (limited)	Limited ~depth to bedrock (limited) ~slope (limited)
JaC2: Jacana-----	Limited ~depth to bedrock (limited) ~slope (limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~depth to bedrock (slightly limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~slow intake (limited)	Very limited ~depth to bedrock (very limited) ~slope (limited)	Limited ~depth to bedrock (limited) ~slope (limited) ~droughty (slightly limited)
JaD2: Jacana-----	Very limited ~bedrock <20 in. (very limited) ~seepage (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~percs slowly (very limited)	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~slope (very limited)	Very limited ~depth to bedrock (very limited) ~slope (very limited)	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~droughty (limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
JcB: Jacana-----	Limited ~depth to bedrock (limited) ~slope (slightly limited)	Very limited ~percs slowly (very limited) ~slope (moderately limited) ~depth to bedrock (slightly limited)	Very limited ~percs slowly (very limited) ~slow intake (limited) ~slope (moderately limited)	Very limited ~depth to bedrock (very limited) ~slope (slightly limited)	Limited ~depth to bedrock (limited) ~slope (slightly limited)
JcC: Jacana-----	Limited ~depth to bedrock (limited) ~slope (limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~depth to bedrock (slightly limited)	Very limited ~percs slowly (very limited) ~slope (very limited) ~slow intake (limited)	Very limited ~depth to bedrock (very limited) ~slope (limited)	Limited ~depth to bedrock (limited) ~slope (limited)
Lr: Limestone rock land-----	Not rated	Not rated	Not rated	Not rated	Not rated
MaD2: Mariana-----	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~seepage (moderately limited)	Very limited ~slope (very limited) ~percs slowly (slightly limited)	Very limited ~slope (very limited) ~slow intake (moderately limited) ~percs slowly (slightly limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)
MaE2: Mariana-----	Very limited ~slope (very limited) ~depth to bedrock (moderately limited) ~seepage (moderately limited)	Very limited ~slope (very limited) ~percs slowly (slightly limited)	Very limited ~slope (very limited) ~slow intake (moderately limited) ~percs slowly (slightly limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
-----	Limitation	Limitation	Limitation	Limitation	Limitation
PaA: Palmarejo-----	Moderately limited ~seepage (moderately limited)	Not limited	Not limited	Not limited	Not limited
PaB: Palmarejo-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	Moderately limited ~slope (moderately limited)	Moderately limited ~slope (moderately limited)	Slightly limited ~slope (slightly limited)	Slightly limited ~slope (slightly limited)
PaC2: Palmarejo-----	Limited ~slope (limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Limited ~slope (limited)	Limited ~slope (limited)
PcB: Poncena-----	Not limited	Moderately limited ~percs slowly (moderately limited) ~slope (slightly limited)	Limited ~slow intake (limited) ~percs slowly (moderately limited) ~slope (slightly limited)	Not limited	Not limited
PcC2: Poncena-----	Limited ~slope (limited)	Very limited ~slope (very limited) ~percs slowly (moderately limited)	Very limited ~slope (very limited) ~slow intake (limited) ~percs slowly (moderately limited)	Limited ~slope (limited)	Limited ~slope (limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
PoA: Pozo blanco-----	Moderately limited ~seepage (moderately limited)	Not limited	Not limited	Not limited	Not limited
PzB: Pozo blanco-----	Moderately limited ~seepage (moderately limited)	Slightly limited ~slope (slightly limited)	Moderately limited ~slow intake (moderately limited) ~slope (slightly limited)	Not limited	Not limited
PzC: Pozo blanco-----	Limited ~slope (limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~slow intake (moderately limited)	Limited ~slope (limited)	Limited ~slope (limited)
PzD: Pozo blanco-----	Very limited ~slope (very limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~slow intake (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)
Sa: San anton-----	Very limited ~seepage (very limited)	Moderately limited ~flooding (moderately limited)	Moderately limited ~slow intake (moderately limited) ~flooding (moderately limited)	Not limited	Not limited
	~seepage (very limited)	~percs slowly (very limited)	~slope (very limited) ~erodes easily (moderately limited)	~erodes easily (moderately limited)	~erodes easily (moderately limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
-----	-----	-----	-----	-----	-----
Sc:	Limitation	Limitation	Limitation	Limitation	Limitation
San anton-----	Very limited ~seepage (very limited)	Moderately limited ~flooding (moderately limited)	Moderately limited ~slow intake (moderately limited) ~flooding (moderately limited)	Not limited	Not limited
Se:					
San anton variant-----	Very limited ~seepage (very limited)	Limited ~cutbanks cave (limited) ~flooding (moderately limited)	Moderately limited ~flooding (moderately limited) ~slow intake (moderately limited)	Very limited ~too sandy (very limited)	Not limited
SgD:					
San german-----	Very limited ~bedrock <20 in. (very limited) ~seepage (very limited) ~slope (very limited)	Very limited ~shallow to bedrock (very limited) ~slope (very limited)	Very limited ~shallow to bedrock (very limited) ~droughty (very limited) ~slope (very limited)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~large stones (moderately limited)	Very limited ~bedrock <20 in. (very limited) ~droughty (very limited) ~slope (very limited)
SgF:					
San german-----	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~seepage (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited)	Very limited ~shallow to bedrock (very limited) ~droughty (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~depth to bedrock (very limited) ~too sandy (very limited)	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~droughty (very limited)
SmE:					
San german-----	Very limited ~slope (very limited) ~seepage (moderately limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~slow intake (moderately limited) ~large stones (slightly limited)	Very limited ~slope (very limited) ~large stones (very limited)	Very limited ~slope (very limited) ~large stones (very limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
Sn: Santa isabel-----	Not limited	Very limited ~percs slowly (very limited)	Very limited ~percs slowly (very limited) ~slow intake (limited)	Not limited	Not limited
SoA: Sosa-----	Moderately limited ~seepage (moderately limited)	Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited)	Limited ~fast intake (limited) ~percs slowly (slightly limited) ~droughty (slightly limited)	Not limited	Slightly limited ~droughty (slightly limited)
SsB: Sosa-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	Moderately limited ~slope (moderately limited) ~percs slowly (slightly limited)	Moderately limited ~slope (moderately limited) ~percs slowly (slightly limited) ~droughty (slightly limited)	Slightly limited ~slope (slightly limited)	Slightly limited ~droughty (slightly limited) ~slope (slightly limited)
SsD2: Sosa-----	Limited ~slope (limited)	Very limited ~slope (very limited) ~percs slowly (slightly limited)	Very limited ~slope (very limited) ~droughty (slightly limited) ~percs slowly (slightly limited)	Limited ~slope (limited)	Limited ~slope (limited) ~droughty (slightly limited)

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Water Management--Continued

Map symbol and soil name	Pond reservoir area	Drainage	Irrigation	Terraces and diversions	Grassed waterways
	Limitation	Limitation	Limitation	Limitation	Limitation
Tc: Teresa-----	Not limited	Very limited ~excess sodium (very limited) ~flooding (moderately limited) ~percs slowly (slightly limited)	Very limited ~excess sodium (very limited) ~slow intake (limited) ~flooding (moderately limited)	Not limited	Very limited ~excess sodium (very limited)
Tf: Tidal flats-----	Not rated	Not rated	Not rated	Not rated	Not rated
Ts: Tidal swamp-----	Not rated	Not rated	Not rated	Not rated	Not rated
Va: Vayas-----	Not limited	Moderately limited ~flooding (moderately limited) ~percs slowly (moderately limited)	Limited ~slow intake (limited) ~flooding (moderately limited) ~percs slowly (moderately limited)	Not limited	Not limited
Vo: Volcanic rock land-----	Not rated	Not rated	Not rated	Not rated	Not rated
W: Water-----	Not rated	Not rated	Not rated	Not rated	Not rated